

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
4 August 2005 (04.08.2005)

PCT

(10) International Publication Number
WO 2005/069730 A2

- (51) International Patent Classification: Not classified (81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, L.C. LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (21) International Application Number:
PCT/IL2005/000069
- (22) International Filing Date: 20 January 2005 (20.01.2005)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
159977 21 January 2004 (21.01.2004) IL
- (71) Applicants (*for all designated States except US*): SPHEREVIEW LTD. [IL/IL]; 65 Yigal Alon Street, 67443 Tel Aviv (IL). O.D.F. OPTRONICS LTD. [IL/IL]; 65 Yigal Alon Street, 67443 Tel Aviv (IL).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): GAL, Ehud [IL/IL]; 3 Galil Street, 71908 Reut (IL). GRAISMAN, Gil [IL/IL]; 33 Galil Street, 71908 Reut (IL). PINTEL, Ofer [IL/IL]; 31 Vered Street, Matan (IL).
- (74) Agents: SANFORD T. COLB & CO. et al.; P.O. Box 2273, 76122 Rehovot (IL).
- Published:
— without international search report and to be republished upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

WO 2005/069730 A2

(54) Title: LENS HAVING A CIRCUMFERENTIAL FIELD OF VIEW

(57) Abstract: A lens having an axis of symmetry, including a transparent circumferential surface, circumferentially extending about the axis of symmetry, the transparent surface having optical power in planes which include the axis of symmetry, a first reflective surface, symmetric with respect to the axis of symmetry and being operative to reflect light passing through the transparent surface and a second reflective surface, symmetric with respect to the axis of symmetry and axially spaced from the transparent surface and being operative to reflect light reflected by the first reflective surface. 1